MINING PROCESS - METAL SCREENING

Roctron provides engineered for the harshest mining and quarry environments, our conveyor metal detectors automatically intercept damaging tramp metal—from Poclain teeth to loose bolts—safeguarding your crushing equipment and keeping production moving.

Application data			
	Application data	Parameter	Unit
1	For inspection of	Fluid and pasty /Edible oil	
2	Metal detection	Iron, non-ferrous (e.g. aluminium or copper), largely ignores ores	
3	Belt Speed	0.4 -4	[m/s]
4	Belt Width	700 -1000	[mm]
5	Operating temperature:	0 - 50	[°C]
6	Power Supply	230, 40	[V, W]
7	Indicator	Green ON, Red -Detection	
8	Interface	Potential Free Relay contact	
9	Sensitivity	Low/ Medium / High	

Installation, Environment & Conditions:
Vibration: Position of installation shall be well welded on conveyer bars for operation without any vibration.
Installation Space: There should be a working space around the equipment for maintenance and inspections
Interference: Please refrain from placing electromechanical the equipment close to system for better performance.
Voltage fluctuation <±10% , Frequency fluctuation < ±2%,

ROCTRON
BEYOND ENGINEERING

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